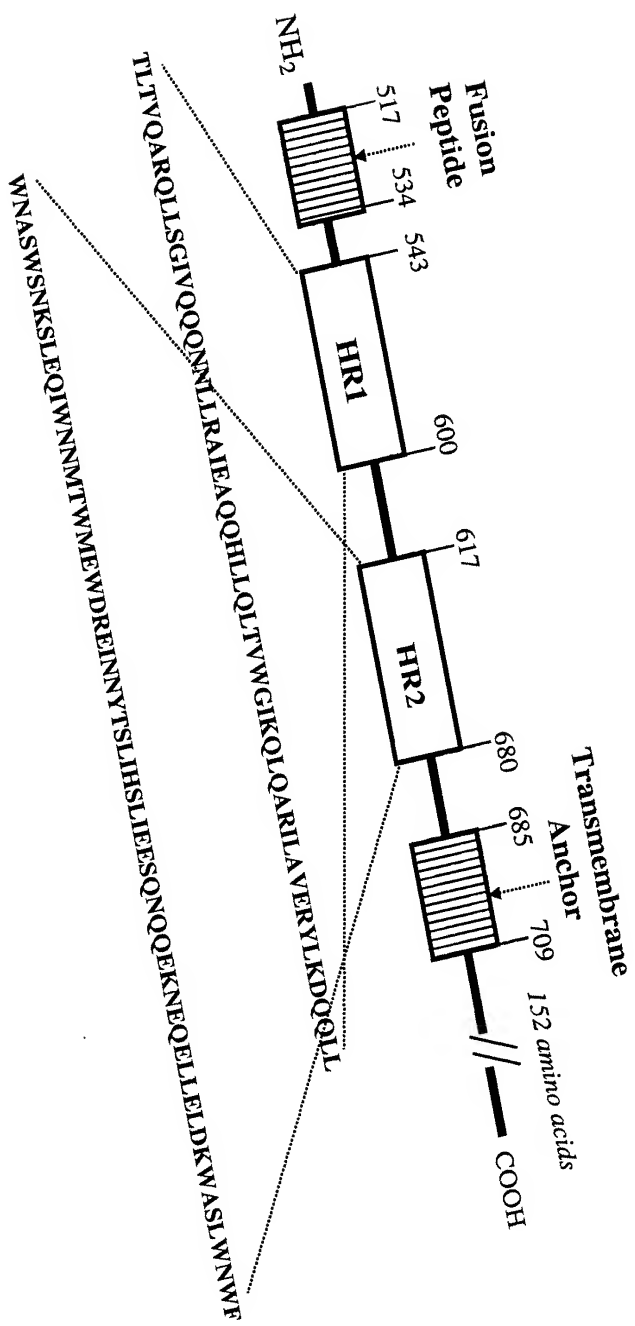


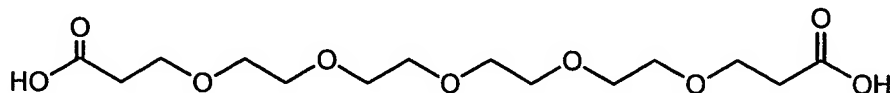
**FIG. 1**



# FIG. 2

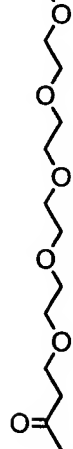
H-Tyr(tBu)-Thr(tBu)-Ser(tBu)-Leu-Ile-His(trt)-Ser(tBu)-Leu-Ile-Glu(OtBu)-  
 Glu(OtBu)-Ser(tBu)-Gln(trt)-Asn(trt)-Gln(trt)-Gln-Glu(OtBu)-Lys(Boc)-Asn(trt)-  
 Glu(OtBu)-Gln(trt)-Glu(OtBu)-Leu-Leu-Glu(OtBu)-Leu-Asp(tBu)-Lys(Boc)-Trp(Boc)-  
 Ala-Ser(tBu)-Leu-Trp(Boc)-Asn(trt)-Trp(Boc)-Phe-NH<sub>2</sub>

+



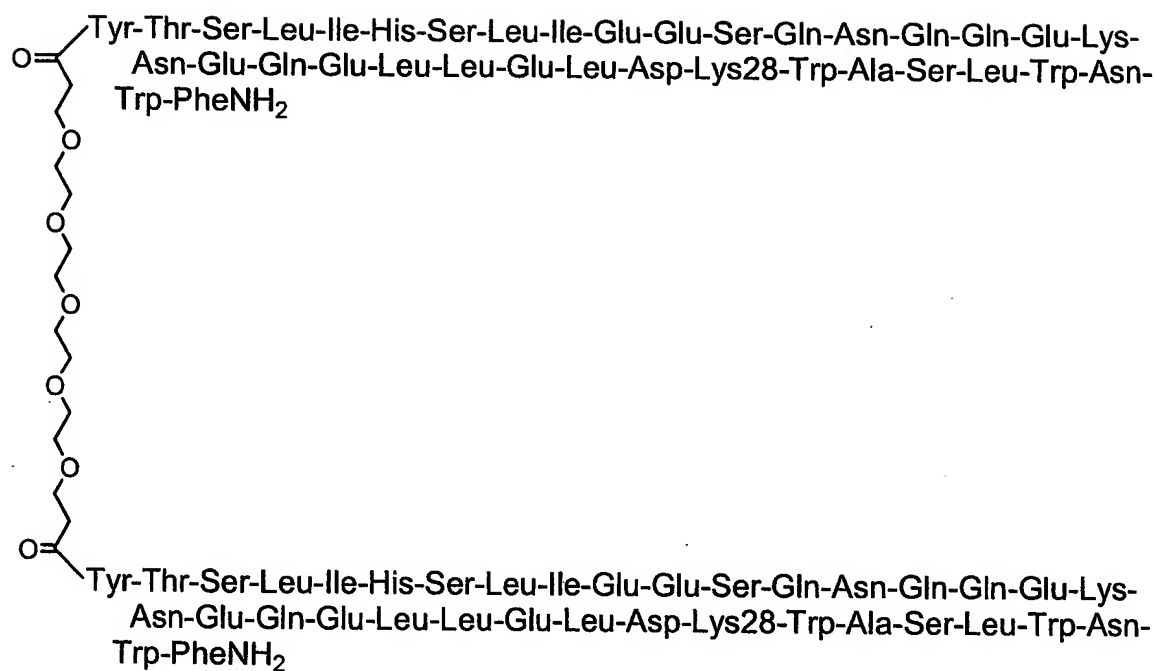
↓  
 1) HBTU, HOAT, DIEA, DMF  
 2) H<sub>2</sub>O

Tyr(tBu)-Thr(tBu)-Ser(tBu)-Leu-Ile-His(trt)-Ser(tBu)-Leu-Ile-Glu(OtBu)-  
 Glu(OtBu)-Ser(tBu)-Gln(trt)-Asn(trt)-Gln(trt)-Gln-Glu(OtBu)-Lys(Boc)-Asn(trt)-  
 Glu(OtBu)-Gln(trt)-Glu(OtBu)-Leu-Leu-Glu(OtBu)-Leu-Asp(tBu)-Lys(Boc)-Trp(Boc)-  
 Ala-Ser(tBu)-Leu-Trp(Boc)-Asn(trt)-Trp(Boc)-Phe-NH<sub>2</sub>



Tyr(tBu)-Thr(tBu)-Ser(tBu)-Leu-Ile-His(trt)-Ser(tBu)-Leu-Ile-Glu(OtBu)-  
 Glu(OtBu)-Ser(tBu)-Gln(trt)-Asn(trt)-Gln(trt)-Gln-Glu(OtBu)-Lys(Boc)-Asn(trt)-  
 Glu(OtBu)-Gln(trt)-Glu(OtBu)-Leu-Leu-Glu(OtBu)-Leu-Asp(tBu)-Lys(Boc)-Trp(Boc)-  
 Ala-Ser(tBu)-Leu-Trp(Boc)-Asn(trt)-Trp(Boc)-Phe-NH<sub>2</sub>

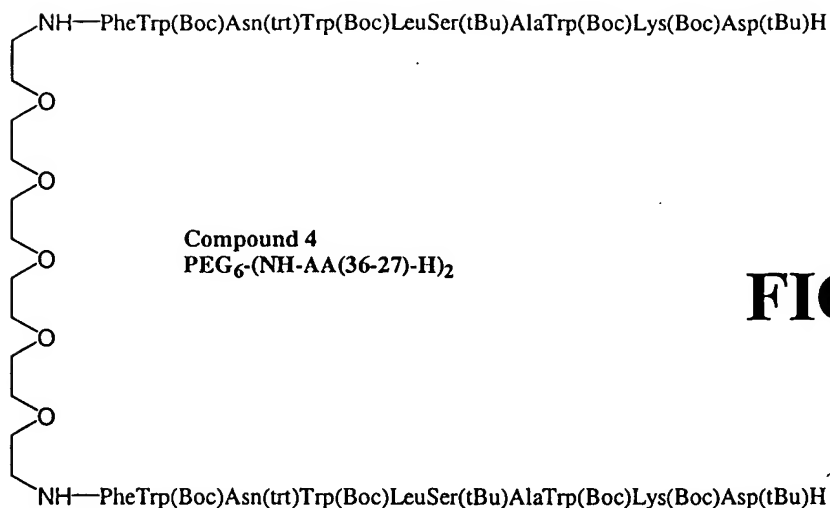
↓  
 1) TFA, DDT, H<sub>2</sub>O  
 2) MTBE  
 3) Chromatographic Purification



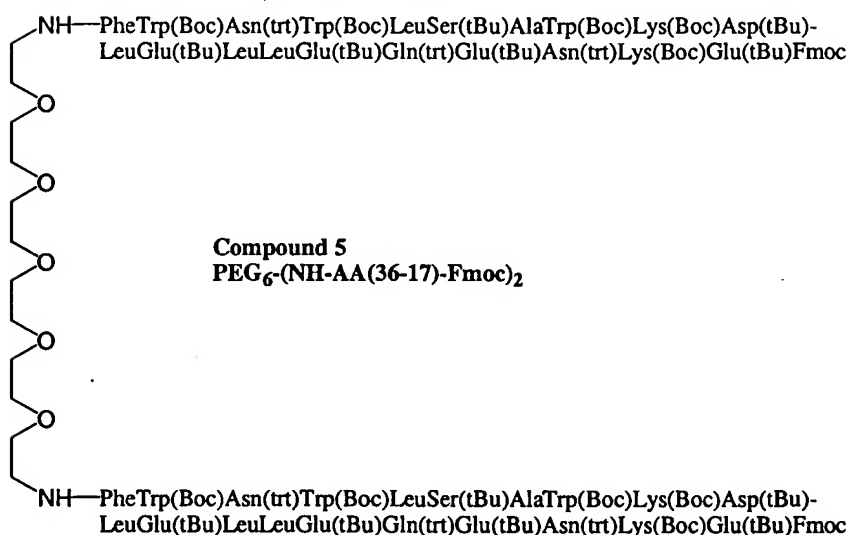
**FIG. 2 (continued)**



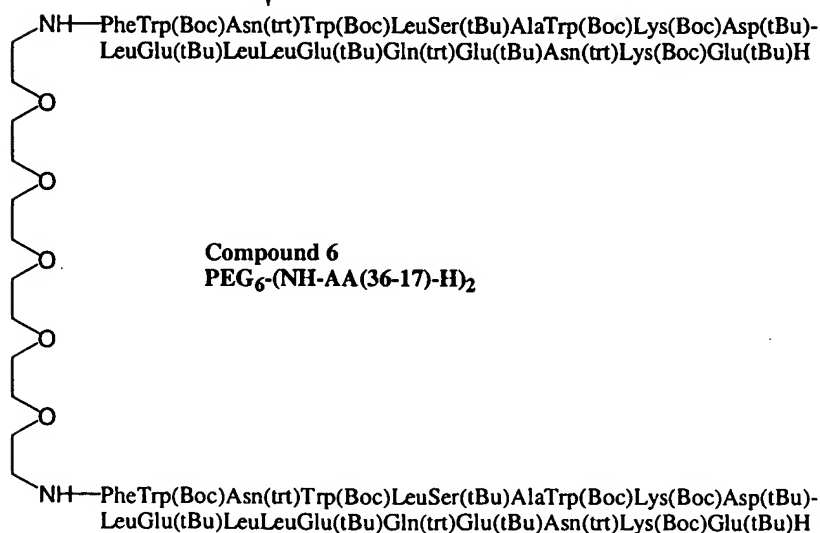
# FIG. 3 continued



↓ FmocGlu(tBu)Lys(Boc)Asn(trt)Glu(tBu)-  
 Gln(trt)Glu(tBu)LeuLeuGlu(tBu)LeuOH  
 FmocAA17-26OH



↓ DBU



NH—PheTrp(Boc)Asn(trt)Trp(Boc)LeuSer(tBu)AlaTrp(Boc)Lys(Boc)Asp(tBu)-  
LeuGlu(tBu)LeuLeuGlu(tBu)Gln(trt)Glu(tBu)Asn(trt)Lys(Boc)Glu(tBu)H

Compound 6  
PEG<sub>6</sub>-(NH-AA(36-17)-H)<sub>2</sub>

**FIG. 3 continued**

NH—PheTrp(Boc)Asn(trt)Trp(Boc)LeuSer(tBu)AlaTrp(Boc)Lys(Boc)Asp(tBu)-  
LeuGlu(tBu)LeuLeuGlu(tBu)Gln(trt)Glu(tBu)Asn(trt)Lys(Boc)Glu(tBu)H

Ac-Tyr(tBu)Thr(tBu)Ser(tBu)LeuIle-  
His(trt)Ser(tBu)LeuIleGlu(tBu)Glu(tBu)-  
Ser(tBu)Gln(trt)Asn(trt)Gln(trt)Gln-OH  
Ac-AA1-16-OH

NH—PheTrp(Boc)Asn(trt)Trp(Boc)LeuSer(tBu)AlaTrp(Boc)Lys(Boc)Asp(tBu)-  
LeuGlu(tBu)LeuLeuGlu(tBu)Gln(trt)Glu(tBu)Asn(trt)Lys(Boc)Glu(tBu)-  
GlnGln(trt)Asn(trt)Gln(trt)Ser(tBu)Glu(tBu)Glu(tBu)IleLeuSer(tBu)-  
His(trt)IleleuSer(tBu)Thr(tBu)Tyr(tBu)Ac

Compound 7  
PEG<sub>6</sub>-(NH-AA(36-1)-Ac)<sub>2</sub>

NH—PheTrp(Boc)Asn(trt)Trp(Boc)LeuSer(tBu)AlaTrp(Boc)Lys(Boc)Asp(tBu)-  
LeuGlu(tBu)LeuLeuGlu(tBu)Gln(trt)Glu(tBu)Asn(trt)Lys(Boc)Glu(tBu)-  
GlnGln(trt)Asn(trt)Gln(trt)Ser(tBu)Glu(tBu)Glu(tBu)IleLeuSer(tBu)-  
His(trt)IleleuSer(tBu)Thr(tBu)Tyr(tBu)Ac

Deprotection and Decarboxylation

NH—PheTrpAsnTrpLeuSerAlaTrpLysAspLeuGluLeuLeuGluGlnGluAsnLysGlu  
GlnGlnAsnGlnSerGluGluIleLeuSerHisIleleuSerThrTyrAc

Compound 8  
PEG<sub>6</sub>-(T20)<sub>2</sub>

NH—PheTrpAsnTrpLeuSerAlaTrpLysAspLeuGluLeuLeuGluGlnGluAsnLysGlu  
GlnGlnAsnGlnSerGluGluIleLeuSerHisIleleuSerThrTyrAc